QC ABSTRACT

Nameof Work: Maintenance of Public Toilet in ward no.13 Mallasandra Sheetyhalli Sub Division, BBMP, Bangalore

SI. No.	Item	Quantity As Per BOQ	Required No's of testes as per frequency	Actual No's of testes done	Testes Results
1	1:3:6	31.73 Cum	1	1	Pass

For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

AE-13

Received

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ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)

An ISO 9001-2015 Certified Company

NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Job No.: CACE/BBMP/MNB/W.No.13/2022-23

Date: 13.05.2022

TEST REPORT

CLIENT	:	**Assistant Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
AGENCY	:	**Sri. Manoj Naik .B.M,** Contractor, Bangalore.
NAME OF THE WORK	:	Maintenance of Public Toilet in ward no.13 Mallasandra Sheetyhalli Sub Division, BBMP, Bangalore.
SAMPLE ID	:	Cement (Birla OPC 53 Grade)
DATE OF MANUFACTURE		April - 2022
DATE OF TESTING		11.05.2022 to 13.05.2022
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269-2015
1	a) Initial Setting Time	IS-4031 (Part -5)	135 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	335 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	30.50 %	-

Note:

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⇒ The results indicated above are based on the tests carried out on the samples collected at the site.

⇒ Any Query regarding the report must be reported within 30days from the date of testing.

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Date : 13.05.2022

TEST REPORT ON FINE AGGREGATES (SAND)

Client : **Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.**

Agency : **Sri. Manoj Naik .B.M, Contractor, Bangalore.**

Name of Work : Maintenance of Public Toilet in ward no.13 Mallasandra Sheetyhalli Sub Division, BBMP, Bangalore.

Date of Testing : 13.05.2022

IS Code : IS 383:2016

: IS 2386 (Part 1):1963(RA 2011)

Material : Sand

Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	83	8.30	8.30	91.7	90-100
2.36	134	13.40	21.70	78.3	75-100
1.18	187	18.70	40.40	59.6	55-90
600 Micron	154	15.40	55.80	44.2	35-59
300 Micron	245	24.50	80.30	19.7	8-30
150 Micron	144	14.40	94.70	5.3	0-10

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Job No.: CACE/BBMP/MNB/W.No.13/2022-23

Date : 13.05.2022

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.**

Agency : **Sri. Manoj Naik .B.M, Contractor, Bangalore.**

Name of Work : Maintenance of Public Toilet in ward no.13 Mallasandra Sheetyhalli Sub Division, BBMP, Bangalore.

Date of Testing : 13.05.2022

IS Code : IS 383:2016

: IS 2386 (Part 1):1963(RA 2011)

Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	182	3.6	3.6	96.4	95-100
10	2374	47.5	51.1	48.9	25-55
4.75	1985	39.7	90.8	9.2	0-10

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For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

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Date : 13.05.2022

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.**

Agency : **Sri. Manoj Naik .B.M, Contractor, Bangalore.**

Name of Work : Maintenance of Public Toilet in ward no.13 Mallasandra Sheetyhalli Sub Division, BBMP, Bangalore.

Date of Testing : 13.05.2022

IS Code : IS 383:2016

: IS 2386 (Part 1):1963(RA 2011)

Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	175	1.17	1.17	98.83	95-100
20	8217	54.78	55.95	44.05	30-70
10	3198	21.32	77.27	22.73	10-35
4.75	2859	19.06	96.33	3.67	0-5

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Job No.: CACE/BBMP/MNB/W.No.13/2022-23

Date : 13.05.2022

TEST REPORT ON FINE AGGREGATES (SAND)
IS 1542-1992

Client : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Agency :Sri. Manoj Naik .B.M, Contractor, Bangalore.
Name of Work : Maintenance of Public Toilet in ward no.13 Mallasandra Sheetyhalli Sub Division, BBMP, Bangalore.
Date of Testing : 13.05.2022
Material : Sand - Plastering

Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 1542-1992
10	0	0	0	100	100
4.75	18	1.80	1.80	98.2	95-100
2.36	36	3.60	5.40	94.6	95-100
1.18	39	3.90	9.30	90.7	90-100
600 Micron	75	7.50	16.80	83.2	80-100
300 Micron	272	27.20	44.00	56.0	20-65
150 Micron	498	49.80	93.80	6.2	0-15

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